

Table 1 Summary of QTLs for bud set time in the F<sub>1</sub> hybrid population of *P. deltoides* × *P. simonii*

QTL	Marker interval	Genetic distance(cM)	Physical distance(Kb)	Candidate genes
qBS-D1-1	CLS140396_14-CLS169051_49	20.67	1016.944	5
qBS-D1-2	CLS57718_71-CLS176127_50	22.63	1296.908	6
qBS-D1-3	CLS89276_67-CLS61391_36	24.28	1090.792	2
qBS-D1-4	CLS84402_41-CLS72148_37	22.87	1677.225	5
qBS-D7-5	CLS116897_15-CLS27649_61	22.32	810.95	1
qBS-D7-6	CLS126145_32-CLS69450_15	21.35	1429.423	4
qBS-D7-7	CLS90539_29-CLS40707_236	22.42	918.45	2
qBS-D7-8	CLS68546_29-CLS67659_37	9.88	652.961	3
qBS-D9-9	CLS183135_23-CLS112630_61	9.99	659.704	1
qBS-D11-10	CLS58626_24-CLS96009_19	30.1	1952.335	2
qBS-D11-11	CLS210290_72-CLS160010_7	21.17	1395.347	3
qBS-D15-12	CLS6356_21-CLS220995_204	17.65	1035.015	5
qBS-S9-13	CLS111793_47-CLS113086_28	14.33	599.211	1
qBS-S9-14	CLS77757_40-CLS57808_22	12.88	676.183	2
qBS-S12-15	CLS148221_8-CLS59042_50	6.91	997.432	3

Note: BS: bud set, D: *P. deltoides*; S: *P. simonii*